

James Webb Space Telescope Exhibit at Goddard Visitor Center May 12, 2014

Background

This procurement request is to enhance the temporary JWST exhibit at the Goddard Visitor Center. This new and improved exhibit will create an interactive and compelling experience for the visitor, and will provide more in-depth information about the project and its far-reaching impact on our understanding of the universe and astrophysics.

As the anchor for the Astrophysics section of the Visitor Center, the new exhibits will greatly expand the existing content and correct several issues that exist with the current temporary exhibit: the new exhibit will be ADA compliant, add interactive activities, and will reconfigure existing media in a more user-friendly format, therefore increasing the relevance, durability and security of the exhibit and enhancing the visitor experience.

Scope

The contractor shall perform the conceptualization, design, graphic design, fabrication, shipping and installation of the entire exhibit.

The new exhibit will include the following items:

The contractor shall provide an oval kiosk with an Infrared Display Interactive inclusive of (2) monitors, an infrared and optical camera, touch screen hardware, artifact mounts, props and graphic text panels.

The contractor shall provide a reader rail area with seven panels containing text and images.

The contractor shall create a new, improved and secure case for the existing model of JWST and provide touch screen hardware for existing 3D modeling interactive software.

STATEMENT OF WORK

The contractor shall design and install window graphics.

Requirements

Design Phase

- The contractor shall provide qualified personnel to create complete design and graphic design packages and manage the project.
- The contractor shall visit Goddard Visitor Center for meetings, to take measurements and otherwise inspect the proposed location for the exhibit. The contractor shall also participate in conference calls or virtual meetings to discuss progress as needed.

Fabrication

- The contractor shall provide all the personnel and materials necessary to complete the fabrication process for all exhibit elements.
- The contractor shall provide graphic proofs, material samples and shop drawings.
- If needed, the contractor shall conduct at least one virtual shop visit to inspect progress on fabrication, or will provide photographs documenting progress.

Installation

- The contractor shall provide the necessary personnel and materials to install the exhibit in its entirety at the Goddard Visitor Center.
- The Installation schedule shall be specified and approved by Visitor Center management and take place outside of normal operating hours (i.e. Mondays) when possible.

Deliverables or Delivery Schedule

- The contractor shall provide a complete design package, including drawings for all exhibit elements, graphic design specifications and layouts during the Design Phase. All document deliverables will be provided in electronic format as well as in printed form.
- The contractor shall provide shop drawings for cases and other exhibit furniture, as well as graphic proofs and material samples during the Fabrication Phase.
- The contractor shall provide all the necessary materials required to fabricate and install the exhibit in its entirety, including media/interactive hardware.
- If necessary, the contractor shall provide operating manuals, instructions and/or other maintenance guidelines for the exhibit.

Government-Furnished Equipment and Government-Furnished Information

The Government shall provide electronic images for the graphic panels and window graphics, software/content for the two interactive touch screens, and text/content for all graphic panels.

Place of Performance

The conceptualization, design, and fabrication shall take place at the contractor's facility. The installation will take place at the Goddard Visitor Center.

Period of Performance

The period of performance (design, produce and install) shall take 6 months from day of award.